

June 2024, Issue 1

PHARMAChronicle

BIANNUAL NEWSLETTER

Noida Institute of Engineering and Technology (Pharmacy Institute) is emerging as a center of excellence, offering technical education and producing skilled professionals with a strong foundation in credibility, integrity and ethical values. In 2023, it was ranked 42nd by the National Institutional Ranking Framework (NIRF) under the Ministry of Education, Government of India.



DIGEST

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- PATENTS GRANTED/ PUBLISHED/FILLED
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- INDUSTRY-ACADEMIA PARTNERSHIP FOR IMPLEMENTATION OF NATIONAL EDUCATION POLICY
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- INDUSTRIAL VISIT



Vision, Mission and Program Educational Objectives of Pharmacy Institute

Vision

A world class institute of academic excellence in the field of science and technology committed to the holistic development of its students and the faculty, widely respected for its engagement with ethical and responsible teaching and wider global concern.

Mission

To impart quality education with a view to develop skilled human resource, capable of meeting the challenges of evolving technologies in hospitals and pharmaceutical industries. To contribute to the industrial growth and socioeconomic development of India.

Program Educational Objectives

PEO 1: To acquire knowledge and develop understanding

PEO 2: To develop skills

PEO 3: To develop professional attitude

Meet the Editorial Team



Chief Editor
Dr. Swarupanjali Padhi



Faculty Co-Ordinator
Ms. Sonia Chauhan



Faculty Co-Ordinator
Ms. Chanchal Sharma

PHARMACIST'S OATH

- * I swear by the Code Ethics of Pharmacy Council of India in relation to the community and shall act as integral part of health care team.
- * I shall uphold the laws and standards governing my profession.
- * I shall strive to perfect and enlarge my knowledge to contribute to the advancement of pharmacy and public health.
- * I shall follow the system, which I consider best for pharmaceutical care and counseling of patient.
- * I shall hold endeavour to discover and manufacture drugs of quality to alleviate sufferings of humanity.
- * I shall hold in confidence the knowledge gained about the patients in connection with my professional practice and never divulge unless completed to do so by the law.
- * I shall associate with organizations having their objectives for betterment of Profession of Pharmacy and make contribution to carry out the work of those organization.
- * While I continue to keep this oath unviolated, may it be granted to me to enjoy life and practice pf pharmacy respected by all, at all times!
- * Should I trespass and violate this oath, may the reverse be by my lot!

Message from the Management

Success is not a one-shot process. It is the result of a continuous improvement after each failure.

Dr O. P. Agarwal, Managing Director



Beyond the academics, the curriculum at NIET Pharmacy Institute is strongly linked with several recent themes like latest technologies needed by organizations, soft skills, communication, among others. Our approaches have resulted in programs of study relevant to the leadership trends and challenges of tomorrow.

Dr Neema Agarwal, Additional Managing Director

NIET has been helping students write their own stories in the health care sector since its inception. Committed to providing the best jobs by creating life-changing educational opportunities and collaborative learning environments, we have stayed at the forefront of innovation in higher education, providing the tools our students need to make them industry ready from day one and make an impact in the world.



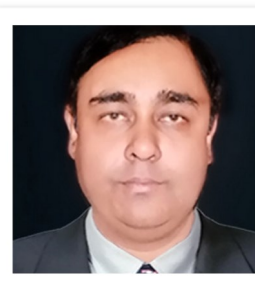
Dr Raman Batra, Executive Vice President



Proactive scanning of the recent development in technology space, early identification of upcoming needs of the industries and curriculum designed for holistic development of the students and meticulous execution of teaching and learning process are the hallmark of value chain to deliver “industry ready professionals.”

Mr Praveen Soneja, Director General

The students of NIET (Pharmacy Institute) will be able to utilize the infrastructure and prove themselves as talented professionals to meet the global challenges ahead. I whole heartedly welcome all the aspiring and brilliant students to this Institute and wish them a highly exciting and successful professional career.



Dr Avijit Mazumder, Director



Developing NIET (Pharmacy Institute) as the Centre of Excellence imparting quality pharmaceutical education and generating competent professionals with a high degree of credibility, integrity and ethical standards. We aim at recognizing, respecting and nurturing the creative potential of each student.

Dr Rupa Mazumder. Professor and Dean

DEPARTMENTAL ACHIEVEMENTS

PATENT GRANTED: 6

No. of Patent Published by Faculty Members : 9

**Total no. of Faculty members received
Faculty development programs certificate: 8**

**Total no. of Faculty members received certificate in
NPTEL Swayam Examination: 6**

DEPARTMENTAL ACHIEVEMENTS

On 25th April 2024, NIET Pharmacy Institute, Greater Noida, signed a Memorandum of Understanding (MOU) with Jamia Hamdard. The MOU aims to foster collaborative research, student and faculty exchanges, and conduction of seminar.



DEPARTMENTAL ACHIEVEMENTS

On July 5, 2024, NIET Pharmacy Institute signed a Memorandum of Understanding (MOU) with Government Institute of Medical Sciences, Hospital under the patronage of Dr. Neema Agarwal, Honorable AMD. This collaboration aims to enhance educational opportunities, research initiatives, and practical training for pharmacy students.



FACULTY ACHIEVEMENT

Mrs. Sharad Sharma secured the 2nd position in the 2nd International Conference on Cutting Edge Technology (ICCET-2024) held at IIMT College of Pharmacy, Greater Noida, on 9th and 10th February 2024.



ACHIEVEMENTS

PATENTS GRANTED/ PUBLISHED/FILLED

Sr. No.	Patent Application No.	Status of Patent	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date	Patent Published Date / Granted Date
1	20201105674 3	Granted 515677	Dr. Avijit Mazumder Dr. Anjna Rani Mr. Lalit Kumar Dr. SALAHUDDIN	ANTI-ANXIETY EFFECT ON HYDROALCOHOLIC LEAVES EXTRACT OF HIBISCUS ROSA SINENSIS	Dr. Avijit Mazumder Dr. ANJNA RANI Mr. Lalit Kumar Dr. Salahuddin	28-12-2020	Published 01-01-2021 Grant 27-02-2024
2	20202104449 1	Granted 515332	Dr. Rupa Mazumder Dr. Swarnali Das Paul	NOVEL DRUG DELIVERY SYSTEM OF AMFENAC SODIUM	Dr. Rupa Mazumder Dr. Swarnali Das Paul	13-10-2020	Published 13-11-2020 Grant 26/02/2024
3	20211103737 9	Granted (510898)	Dr. Rajnish Kumar Ms. Chanchal Singh Dr. Avijit Mazumder Dr. Rupa Mazumder Dr. Salahuddin Dr. Mohd. Mustaqeem Abdullah Dr. Veena Devi Singh	ANTICONVULSANT POTENTIAL OF NOVEL PYRAZOLINE DERIVATIVES CONTAINING BENZOTHIAZOLE MOIETY	Dr. Rajnish Kumar Ms. Chanchal Singh Dr. Avijit Mazumder Dr. Rupa Mazumder Dr. Salahuddin Dr. Mohd. Mustaqeem Abdullah Dr. Veena Devi Singh	18-08-2021	03-09-2021 Granted 03/01/2024
4	20211103039 5	Granted (493149)	Dr. Salahuddin Mr. Daman pandey	ANTI-BACTERIAL N-CONTENDING HETEROCYCLIC COMPOUND AND METHOD OF SYNTHESIS THEREOF	Noida Institute of Engineering & Technology (Pharmacy Institute)	06-07-2021	Published 24-02-2023 Granted 02/01/2024

ACHIEVEMENTS

PATENTS GRANTED/ PUBLISHED/FILLED

Sr. No.	Patent Application No.	Status of Patent	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date	Patent Published Date / Granted Date
5	202111000100	Granted (510898)	Dr. Rupa Mazumder Mrs. Swarupanjali Padhi Mr. Ravi Sharma Dr. Pratibha Pandey Dr. Fahad Khan Dr. Swarnali Das Paul Dr. Avijit Mazumder Dr. Rakhi Mishra Dr. Monika Dr. Saumya Das	COLON-TARGETED DRUG DELIVERY SYSTEM OF ANTI-CANCER BIOACTIVES	Dr. Rupa Mazumder Mrs. Swarupanjali Padhi Mr. Ravi Sharma Dr. Pratibha Pandey Dr. Fahad Khan Dr. Swarnali Das Paul Dr. Avijit Mazumder Dr. Rakhi Mishra Dr. Monika Dr. Saumya Das	02/01/2021	Publish 08/01/2021 Granted 15/02/2024
6	Design No. : 387975-001	Granted Design No. : 387975-001	Dr. Avijit Mazumder	FOUR TEST TUBE HOLDER	Noida Institute Of Engineering And Technology (Pharmacy Institute)	09/06/2023	Granted 29/02/2024
7	Design No. : 399661-001	Granted Design No. : 399661-001	Dr. Sangeeta Bhimrao Dongre Mr. Dhruv Kishor Vishwakarma Dr. Amit Kumar Nigam Dr. Karuna Shanker Shukla Dr. Preety Choudhary Miss. Shalini Singh Mr. Monu Kumar Kashyap Mr. Awadhesh Kumar Mrs. Soumya Tripathi Dr. Ghulam Md Ashraf Dr. Shmmonahmad Zafar Khan	AI BASED LABORATORY VACUUM EVAPORATOR FOR PHARMACEUTICAL USE	Dr. Sangeeta Bhimrao Dongre Mr. Dhruv Kishor Vishwakarma Dr. Amit Kumar Nigam Dr. Karuna Shanker Shukla Dr. Preety Choudhary Miss. Shalini Singh Mr. Monu Kumar Kashyap Mr. Awadhesh Kumar Mrs. Soumya Tripathi Dr. Ghulam Md Ashraf Dr. Shmmonahmad Zafar Khan		Granted 05/01/2024
8	Design No. : 389458-001	Granted 389458-001	Dr. Avijit Mazumder Dr. Rupa Mazumder Dr. Saumya Das Mr. Vishnu Prabhakar Mr. Anmol Kanda.	LABORATORY RAT CAGE	Dr. Avijit Mazumder Dr. Rupa Mazumder Dr. Saumya Das Mr. Vishnu Prabhakar Mr. Anmol Kanda.	03/07/2023	Granted 18/01/2024

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PATENTS GRANTED/ PUBLISHED/FILLED

Sr. No.	Patent Application No.	Status of Patent	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date	Patent Published Date / Granted Date
9.	2024110008 82	Published	Dr. Rupa Mazumder Dr. Swarupanjali Padhi Mr. Gouran Saini Mrs. Chandana Majee	A COMPOSITION AND METHOD FOR FORMATION OF QUETIAPINE FUMARATE SOLID ORAL DOSAGE	Noida Institute of Engineering & Technology (Pharmacy Institute)	05/01/2024	02/02/2024
10.	2024110081 92	Published	Dr. Sushma Verma Dr. Sushen Singh Chodhary Dr. Anjna rani Dr. Salahuddin Dr. Swarupanjali Padhi Dr. Monika	A METHOD FOR FORMULATION OF TENOFOVIR AND EMTRICITABINE SUSTAINED RELEASE TABLET	Noida Institute of Engineering & Technology (Pharmacy Institute)	07/02/2024	16/02/2024
11.	2024110081 93	Published	<u>Dr. Sushma Verma</u> Mr. Rajat Singh Raghav Dr. Anjna rani <u>Dr. Salahuddin</u> Dr. Swarupanjali Padhi Dr. Monika	A TRANSDERMAL FILM FORMULATION METHOD FOR ASAFOETIDA DELIVERY	Noida Institute of Engineering & Technology (Pharmacy Institute)	07/02/2024	16/02/2024
12.	2024110009 86	Published	<u>Dr. Rupa Mazumder</u> Dr. Swarupanjali Padhi <u>Mr. Gaurav Saini</u> Ms. Chandana Majee	BIOACTIVE PHYTOSOMES LOADED ORODISPERSIBLE TABLET FOR THE MANAGEMENT OF TYPE-II DIABETES MELLITUS	Noida Institute of Engineering & Technology (Pharmacy Institute)	05/01/2024	02/02/2024
13.	2024110009 18	Published	<u>Dr Anjna Rani</u> Dr. Snigdha Bharatwaj Mr. Anmol dogra Ms Khusbu Yadav Dr Monika <u>Dr. Sushma Verma</u>	A METHOD FOR DEVELOPING PHYTOSOMAL TABLETS WITH ANTI-DEPRESSANT EFFECT	Noida Institute of Engineering & Technology (Pharmacy Institute)	05/01/2024	02/02/2024

ACHIEVEMENTS

PATENTS GRANTED/ PUBLISHED/FILLED

Sr. No.	Patent Application No.	Status of Patent	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date	Patent Published Date / Granted Date
14.	2023110834 23	Published	<u>Dr. Soumya Das</u> Dr Anjna Rani Ms Neha Dr. Rajnish Kumar Ms. Chandana Majee	COMPOSITION OF HERBAL TABLET FOR ANTI- UROLITHIATIC AND ANTI- ARTHRITIC ACTIVITY AND PREPARATION METHOD THEREOF	Noida Institute of Engineering & Technology (Pharmacy Institute)	07/12 /2023	12/01/2024
15.	2023110885 27	Published	Dr. Rakhi Mishra Dr. Rupa Mazumder Dr. Avijit Mazumder Ms. Shivani Tyagi Mrs. Shruti Varshney Dr.Prem Shankar Mishra. Dr. Snigdha Bhardwaj	PROCESS FOR SYNTHESIS OF SUBSTITUTED QUATER- NARYPYRIDINES	Noida Institute of Engineering & Technology (Pharmacy Institute)	23/12 /2023	16/02/2024
16.	2023110834 23	Published	Dr. Saumya Das Dr Anjna Rani Ms. Neha Sharma Dr. Rajnish Kumar Ms. Chandana Majee	COMPOSITION OF HERBAL TABLET FOR ANTI- UROLITHIATIC AND ANTI- ARTHRITIC ACTIVITY AND PREPARATION METHOD THEREOF	Noida Institute of Engineering & Technology (Pharmacy Institute)	07/12 /2023	12/01/2024

MAJOR PLACEMENTS

S.No	Roll No. of the students in your Institution	Name of the students	Organization Placed in
1	2009080500006	Adarsh Billaiya	Eteam
2	2009080500077	Rishabh Mittal	Eteam
3	2009080500012	Akshay Kumar	Eteam
4	2009080500068	Raghav Narang	Eteam
5	2009080500038	Khushboo Chauhan	Eteam
6	2009080500108	Tannu Tiwari	Eteam
7	2009080500010	Akash Rajpoot	Eteam
8	2009080500064	Pankaj Sharma	Eteam
9	2009080500114	Vivek Thakur	Eteam
10	2009080500016	Ankush Singh	Eteam
11	2009080500004	Aarifa Choudhary	Eteam
12	2009080500109	Trapti Porwal	Eteam
13	2009080500055	Navneet Chaurasia	Eteam
14	2009080500098	Shreya Singh	Eteam
15	2009080500072	Ranjeeta Das	Eteam
16	2009080500017	Anshika	Eteam
17	2009080500010	Akash Rajpoot	Eteam
18	2109080509007	Prince Kumar Kanwar	Eteam
19	2009080500116	Yash Tanwar	Eteam
20	2009080500025	Hardik Malhotra	Cordelia Cruise Waterways
21	2009080500047	Mansi Sewaliya	Cordelia Cruise Waterways
22	2009080500043	Lucky	Cordelia Cruise Waterways
23	2009080500062	Pallavi Joshi	Cordelia Cruise Waterways
24	2009080500067	Priya Singh	DFL India
25	1909080500053	Mansi Suyal	Medtronic
26	2009080500056	Navneet Krishnan	Medtronic
27	2009080500100	Siddhant	IDS InfoTech
28	2009080500101	Siddharth	IDS InfoTech
29	2009080500112	Vishal Bhardwaj	Skolar
30	2009080500076	Rishabh Gupta	Skolar
31	2009080500005	Abhishek Kumar Jaiswal	Skolar
32	2009080500031	Ishant Negi	Skolar
33	2009080500073	Raunak Mishra	SR Medicare
34	2009080500075	Rishabh Dev	Skolar

MAJOR PLACEMENTS

S.No	Roll No. of the students in your Institution	Name of the students	Organization Placed in
35	2009080500078	Rishikesh Singh	Skolar
36	2009080500088	Samiksha Sainyakar	Skolar
37	2009080500092	Saurabh Upadhyay	Skolar
38	2009080500097	Shobhit Nirankari	Skolar
39	2009080500113	Vishal Yadav	Skolar
40	2009080500071	Rajnish Tiwari	Wayspire Ed-Tech Pvt. Ltd.
41	2009080500007	Aditya Sharma	Wayspire Ed-Tech Pvt. Ltd.
42	2009080500023	Brajesh Bharti	Wayspire Ed-Tech Pvt. Ltd.
43	2009080500032	Jahanvi	Fresenius Kabi
44	2009080500113	Vishal Yadav	Fresenius Kabi
45	2009080500034	Kamyia Mishra	GAADS Learning Pvt. Ltd.
46	2009080500036	Karishma	M Care Exports
47	2009080500018	Aqsa Akbar	CapitalVia
48	2009080500050	C Midhun Krishna	CapitalVia
49	2009080500096	Shivani Chaudhary	Demira Freight Linkers India Pvt. Ltd.
50	2009080500115	Yakshita Vashishtha	CapitalVia
51	2009080500037	Kartik Bisht	CapitalVia
52	2009080500027	Harsh Sharma	CapitalVia
53	2009080500083	Roshan	Clinova Path Labs Pvt. Ltd.
54	2009080500081	Robin	Medi Marketing
55	2009080500059	Neeraj	Alteus Biogenics
56	2009080500053	Mohit Yadav	Iskon Pharma
57	2009080500052	Mohd. Ahsan	Health Biotech
58		Kanika Rajora	Techugo Pvt. Ltd.
59	2209080566003	Gaurav Moriya	GAADS Learning Pvt. Ltd.
60	2209080566004	Jyotsna Kharbanda	GAADS Learning Pvt. Ltd.
61	2209080566005	Kamyia Varshney	GAADS Learning Pvt. Ltd.
62	2209080566011	Nitesh Kumar Yadav	GAADS Learning Pvt. Ltd.
63	2209080576015	Upasana Sharma	Jubilant Biosys
64	2209080576003	Dheeraj Singh	Jubilant Biosys
65	2209080576002	Ayush Jain	Jubilant Biosys



RESEARCH PUBLICATION TILL TILL JUNE 2024

S.N O	YEAR	SCI	SCOPUS	PEER REVIEWED	TOTAL
1	2024	35	28	-	63

LIST OF PUBLICATIONS

1. Raj Ritik, **Mazumder Rupa**, **Mishra Rakhi**, Mishra Rashmi and Singh Baghel Dileep "Role of Chronotherapy in the Management of Hypertension: An Overview". *Current Drug Therapy*, 2024; 19(7): 794-808. (SCOPUS) [DOI: <http://dx.doi.org/10.2174/0115748855278395240119063324>].
2. Sharma Ruchi, **Majee Chandana**, **Mazumder Rupa**, **Mazumder Avijit**, **Padhi Swarupanjali**, Kumar Akshay, "Insight into the various approaches undertaken for the synthesis of quinoline hybrids imparting diverse therapeutic activities". *Letters in Organic Chemistry*, 2024; 21(9):756-783. (SCI) [DOI: <http://dx.doi.org/10.2174/0115701786279549231228125141>]
3. **Debnath Abhijit**, **Mazumder Rupa**, "Identification of Novel CDK 4/6 Inhibitors by High-throughput Virtual Screening", *Letters in Drug Design & Discovery*, 2024; 21(5):3229-3246. (SCI) [DOI: <http://dx.doi.org/10.2174/0115701808273043231130100833>]
4. **Sharma Sharad**, Semwal Bhupesh Chander, **Mazumder Avijit**, "Evaluation of Toxicity Studies of Sesbania Grandiflora Leaves Extracts in Wistar Albino Rats". *Journal Of Applied Pharmaceutical Research*, 2024; 12(1):42-51. (SCOPUS) [DOI: <https://doi.org/10.18231/j.joapr.2024.12.1.42.51>]
5. Sharma Ruchi, **Majee Chandana**, **Mazumder Rupa**, **Mazumder Avijit**, Tyagi Pankaj Kumar, Chaitanya MVNL, "Insight into the Role of Alkaloids in the Different Signalling Pathways of Cholangiocarcinoma". *Journal of Natural Remedies*, 2024; 24(1):43-58. (SCOPUS) [DOI: <https://doi.org/10.18311/jnr/2024/34661>]
6. Tyagi Pooja, **Mazumder Avijit**, **Das Saumya**, "Urolithiasis: A systematic herbal approach on pathogenesis and treatment of calcium formation". *Allelopathy Journal*, 2024; 62(1):1-14. (SCOPUS)
7. Das Sanjita, **Das Saumya**, Pal Sakshi, "Anti-Asthmatic and Immunomodulatory Effect of Actinidia deliciosa Fruit on Swiss Albino Mice", *Indian Journal of Pharmaceutical Education and Research*, 2024; 58(1):162-171. (SCI) [WebLink: <https://www.ijper.org/sites/default/files/IndJPhaEdRes-58-1-162.pdf>]
8. Sharma Bhawana, **Das Saumya**, **Mazumder Avijit**, Rautela Deepraj Singh, Tyagi Pankaj Kumar, Khurana Navneet, "The role of neurotransmitter receptors in antipsychotic medication efficacy for Alzheimer's-related psychosis". *The Egyptian Journal of Neurology, Psychiatry and Neurosurgery*. 2024; 60(75):1-15. (SCOPUS) [DOI: <https://doi.org/10.1186/s41983-024-00848-2>]
9. **Das Saumya**, **Mazumder Avijit**, Atri Ayush, **Mazumder Rupa**, Khan Fahad, Singh Sachin Kumar, "Platelet count enhancing and hepatoprotective activity of acetogenin isolated from the stem bark of Miliusa velutina (DC.) Hook.f. & Thomson". *Indian Journal of Experimental Biology*. 2024; 62(6):416-422. (SCI) [DOI: <https://doi.org/10.56042/ijeb.v62i06.3542>].

RESEARCH PUBLICATIONS

10. Jain Sanidhya, **Mazumder Avijit**, **Das Saumya**, “From Gut to Brain: Targeting Probiotics in Neurodegenerative Health”. International Journal of Drug Delivery Technology, 2024; 14(2):1139-1147. (SCI) [WebLink: <https://impactfactor.org/PDF/IJDDT/14/IJDDT,Vol14,Issue2,Article80.pdf> .
11. **Singh Himanshu**, **Kumar Rajnish**, **Mazumder Avijit**, **Salahuddin**, **Yadav Ranjeet Kumar**, Kukreti Neelima, Abdullah Mohd. Mustaqeem, Tyagi, Pankaj Kumar, Chaitanya MVNL, “Synthesis, In vivo, and silico Evaluation of New Pyrazoline- Benzothiazole Conjugates as Orally Administered Antiepileptic Agents”. Chemistry & biodiversity, 2024. (SCI) [DOI: <https://doi.org/10.1002/cbdv.202400642>
12. **Pathak Deepika**, **Mazumder Avijit**, “A critical overview of challenging roles of medicinal plants in improvement of wound healing technology”. DARU Journal of Pharmaceutical Sciences, 2024; 32(4):379–419. (SCI) [DOI: <https://doi.org/10.1007/s40199-023-00502-x>]
13. Gupta Jyoti, **Rani Anjna**, Tyagi Pankaj Kumar, Babu Malakapogu Ravindra, “Novel Therapeutic Approaches for Treatment of Melasma”. African Journal of Biological Sciences, 2024; 6(si2):6158-6180. (SCOPUS) [DOI: <https://doi.org/10.48047/AFJBS.6.si2.2024.6158-618>]
14. Gupta Jyoti, Rani Anjna, Kumar Arvind, Kumar Bimlesh “Potential of natural bioactive compounds in management of melasma”. Plant Science Today, 2024; 11(sp1):44-50. (SCOPUS) [DOI: <https://doi.org/10.14719/pst.3164>]
15. **Sharma Chanchal**, **Mazumder Avijit**, “A Comprehensive Review on Potential Molecular Drug Targets for the Management of Alzheimer's Disease”, Central Nervous System Agents in Medicinal Chemistry. 2024; 24(1):45-56. (SCOPUS) [DOI: <http://dx.doi.org/10.2174/0118715249263300231116062740>]
16. Rautela Deepraj Singh, **Das Saumya**, **Mazumder Avijit**, Sharma Bhawana, Khan Fahad, Chaitanya M. V. N. L., “Understanding The influence of diabetes on wound healing and exploring effective management study”. Current Science, 2024; 126(12):1438-1445. (SCI) [WebLink: <https://www.currentscience.ac.in/Volumes/126/12/1438.pdf>].
17. Kumar Akshay, **Majee Chandana**, **Mazumder Rupa**, Sharma Ruchi, **Mazumder Avijit**, Mishra Rashmi, Wadhwa Pankaj, “The Role of Curcumin in Gastric Carcinoma by Modulating the Immune System and Its SAR”. Journal of Natural Remedies, 2024; 24(1):59-70. (SCOPUS) [DOI: 10.18311/jnr/2024/34910].
18. Chauhan Anurag, **Salahuddin**, **Mazumder Avijit**, **Kumar Rajnish**, Ahsan Mohamed Jawed, Yar Mohammad Shahar, Maqsood Ramish, Kumar Singh, “Targeted Development of Pyrazoline Derivatives for Neurological Disorders: A Review”. Chemistry Europe, 2024; 9(16):1-15. (SCI) [DOI: <http://dx.doi.org/10.1002/slct.202400738>].
19. Goel Tanvi Rajiv, **Salahuddin**, **Rana Kavita**, **Mazumder Avijit**, **Kumar Rajnish**, Ahsan Mohamed Jawed, Sarafroz Mohammad, Tyagi Pankaj, Singh Saurabh, “Recent Innovations in Synthetic Methodologies and Patent Landscape of Quinoline Analogues: A Comprehensive Review”. Current Organic Chemistry, 2024. (SCI) [DOI: [10.2174/0113852728311152240529082035](https://doi.org/10.2174/0113852728311152240529082035)]

RESEARCH PUBLICATION

20. Tyagi Sonakshi, **Salahuddin, Mazumder Avijit, Kumar Rajnish**, Datt Vimal, Km. Shabana, Sharma Abhishek Shankar, Ahsan Mohamed Jawed, Yar Mohammad Shahar, “Synthesis, Characterization, in silico and in vivo Evaluation of Amino Acid Derived Schiff Bases of Quinoline Benzimidazole Hybrids as Anti-epileptic Agents”, Ind. J. Pharm. Edu. Res., 2024; 58(1):80-92. (SCI) [DOI: <http://dx.doi.org/10.5530/ijper.58.1s.8>]
21. Jain Sanidhya, **Mazumder Avijit, Das Saumya**, Tyagi Pankaj Kumar, Chaitanya M. V. N. L., “Harvesting Health: Phytochemicals in Cognitive Impairment Therapy”. Central Nervous System Agents in Medicinal Chemistry. 2024. (SCOPUS) [DOI: <http://dx.doi.org/10.2174/0118715249315826240603075900>]
22. **Pathak Deepika, Mazumder Avijit**, “Potential of flavonoids as promising phytotherapeutic agents to combat multidrug-resistant infections”, Current Pharmaceutical Biotechnology, 2024; 25(13):1664-1692. (SCI) [DOI: <http://dx.doi.org/10.2174/0113892010271172231108190233>]
23. Mohamed MA, Ali A, Ali A, Afzal O, Ahsan MF, Alamri MA, Alossaimi MA, Altamimi AS, **Salahuddin**, Ahsan MJ, “Targeting EGFR by Newer 1-(3, 5-Bis ((E)-4-hydroxy-3-methoxystyryl)-1H-pyrazol-1-yl)-2-((substituted phenyl) amino) ethan-1-one Analogues for the Treatment of Cancer: Synthesis, In-vitro and In-silico Studies”. Journal of Molecular Structure, 2024. (SCI) [DOI: <https://doi.org/10.1016/j.molstruc.2024.138826>]
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HERBAL GARDEN VISIT AT AMRIT UDYAN

Noida Institute of Engineering and Technology,(Pharmacy Institute) organized an Herbal garden visit at Amrit udyaan(Rastrapati Bhavan), New Delhi on date **20 Feb 2024** for Pharmacy students of D.PHARM- II. The objective of this visit was to acquaint the students with great exposure of different varieties of different plants and great exposure of various breed of rose, citrus plants and tulip etc. They also visit bonsai plants. After that students visit Rastrapati bhavan sangrahalaya and being a part of our proud nation achievement as visitor. In this regard, visit of Pharmacy students was conducted under supervision of faculty members. The visit is organized by **Dr. Avijit Mazumder (Director)** and **Mrs. Sharad Sharma**(Assistant Professor). **Mrs.Nidhi Sharma**(Assistant Professor) and Mr. Pawan Kumar. The visit provided a good gain of knowledge to the students that helped them to understand herbal plants and various flower in very well way. The students were thankful to the management and faculties of NIET(Pharmacy Institute) for organizing the herbal visit.



SEMINAR: INDUSTRY-ACADEMIA PARTNERSHIP FOR IMPLEMENTATION OF NATIONAL EDUCATION POLICY

On 6th March 2024, NIET Pharmacy Institute, in collaboration with the Pharmacy Council of India (PCI) and the Indian Pharmaceutical Association (IPA), hosted a one-day national seminar to celebrate National Pharmacy Education Day. The seminar focused on the theme "Leveraging Synergism: Industry-Academia Partnership for Implementation of National Education Policy."



The event featured expert talks, panel discussions, and workshops, highlighting the importance of collaboration between industry and academia. Renowned speakers and participants discussed innovative strategies for implementing the National Education Policy in pharmacy education.

The seminar was a success, fostering valuable discussions and networking opportunities, and emphasizing the role of synergistic efforts in advancing pharmacy education in India.



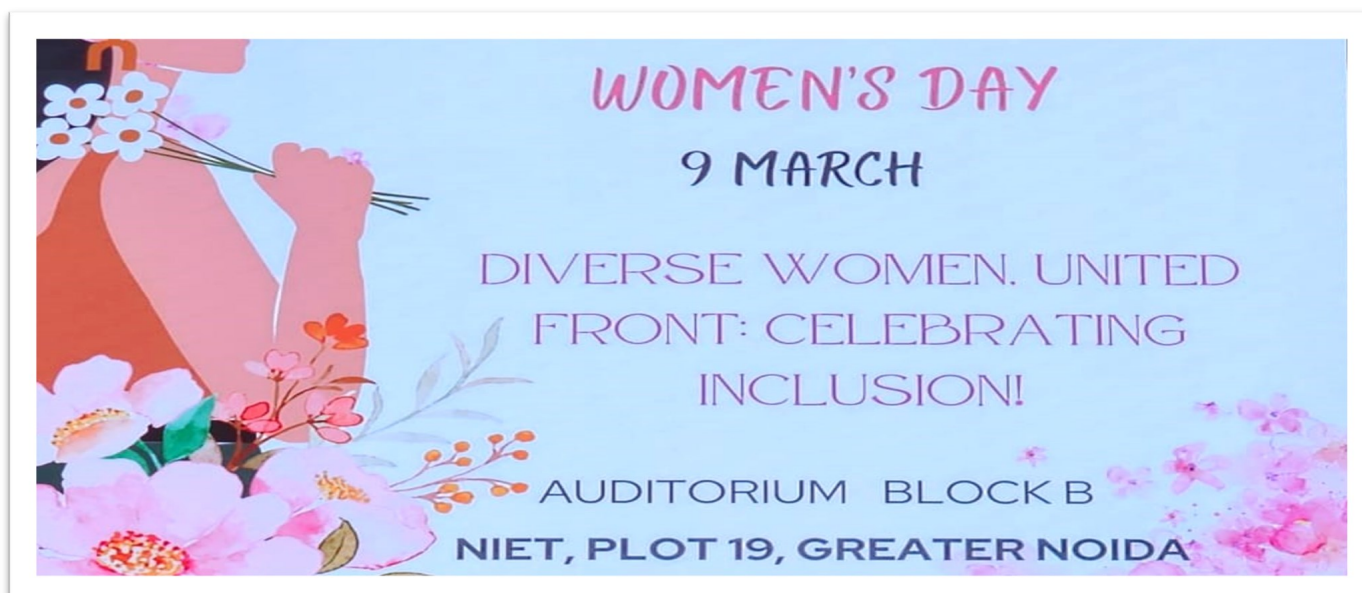
WOMEN'S DAY CELEBRATION

On 9th March, we celebrated Women's Day, honoring the achievements, strength, and contributions of women everywhere.

The event was a significant occasion where various activities and programs were organized to acknowledge and appreciate the vital roles women play in our society.



Participants engaged in inspiring speeches, discussions, and cultural performances, making the celebration a memorable tribute to women's empowerment and accomplishments..



EXPERT TALK ON THE ROLE OF INTESTINAL MICROBIOTA AND PROBIOTICS IN HEALTH AND DISEASE

On 10th April 2024, NIET Pharmacy Institute, Greater Noida, hosted an Expert Talk titled "The Role of Intestinal Microbiota and Probiotics in Health and Disease." The event featured **Dr. Aakansha Sharma, Deputy Manager - Science at Yakult Danone India Pvt. Ltd.**, as the esteemed speaker. Dr. Sharma delivered an insightful presentation on the significance of intestinal microbiota and probiotics in maintaining health and managing diseases. She discussed the



The session was organized by the Noida Institute of Engineering & Technology (Pharmacy Institute), Greater Noida, and was held in the 'A' Block 5th Floor Auditorium.

EXPERT TALK ON THE ROLE OF INTESTINAL MICROBIOTA AND PROBIOTICS IN HEALTH AND DISEASE



The event attracted a diverse audience, including students, faculty members, and industry professionals, who actively participated in the interactive Q&A session.

The Expert Talk provided valuable knowledge and fostered a deeper understanding of the crucial role of microbiota and probiotics in health and disease management. The event concluded with a vote of thanks, appreciating Dr. Sharma's contribution and the enthusiastic participation of the attendees.



INDUSTRIAL VISIT

B. Pharm students of NIET (Pharmacy Institute), Greater Noida embarked on a captivating industrial visit to Yakult Darone Pvt. Ltd on 29/4/2024-30/4/2024, a leading name in probiotic dairy products. The visit commenced with a warm welcome and an insightful overview of Yakult's history, mission, and product portfolio.

Students were guided through the state-of-the-art manufacturing plant, witnessing firsthand the meticulous processes of crafting Yakult's renowned probiotic drink. From raw material preparation to fermentation and packaging, each step underscored the company's unwavering commitment to quality and hygiene standards. A dedicated session on quality assurance shed light on the rigorous testing procedures ensuring product integrity and safety. Yakult Darone's sustainability initiatives also left a lasting impression, showcasing the company's dedication to eco-friendly practices and corporate responsibility.



Overall, the industrial visit was an enriching experience, offering valuable insights into industrial-scale production, quality assurance practices, research and development innovations, and sustainability initiatives.

Special thanks to Yakult Darone Pvt. Ltd. for their hospitality and knowledge-sharing, enriching the educational journey of aspiring healthcare professionals.



INDUSTRIAL VISIT

On April 30, 2024, B. Pharm students visited Yakut Pharmaceuticals in Haryana, focusing on the company's innovative probiotics products. Yakut's probiotics are designed to enhance gut health and overall well-being. The presentation highlighted key products, including **Yakut-ProBio Daily**, a daily supplement aimed at maintaining digestive health and boosting the immune system, and **Yakut-ProBio Advanced**, which is formulated to address specific gastrointestinal issues such as irritable bowel syndrome (IBS) and inflammatory bowel disease (IBD).



PHARMACEUTICALS
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The students learned about the rigorous research and development processes involved in creating these probiotics, including the selection of specific strains of beneficial bacteria and the advanced encapsulation techniques used to ensure their stability and efficacy. The manufacturing tour provided insights into the production and quality control measures that maintain the high standards of Yakut's probiotics. The visit concluded with a Q&A session with Yakut's experts and the distribution of free gift samples, making the visit both educational and memorable.

INDUSTRIAL VISIT

Noida Institute of Engineering and Technology, (Pharmacy Institute) organized an industrial visit on 3rd May 2024 for B. Pharm 3rd year students to **Auriga Research Pvt Ltd, New Delhi**. The objective of this industrial visit was to acquaint the students with the industrial setup and help them establish correlation between theoretical and practical knowledge.

This visit is regarded as a vital component of pharmacy education and is an indicator of the extent of industry –institute interaction, which is very essential to correlate the theoretical knowledge with practical knowledge and also important for the growth of industry as well as for attaining excellence in technical education.

Auriga Research Pvt Ltd is an industry of well repute and students visited Manufacturing section, Quality Control section, Quality Assurance area, Microbiology Department, Chemical Department one by one.



Working and applications of GCMS, HPTLC, HPLC, FTIR and many more things were explained well by Dr. Pushendra, Dr. Neha Arora explained about the opportunities after B. Pharm with students. The visit provided a good gain of knowledge to the students that helped them to understand practical aspect of theory studied in their course work. All the students of B. Pharm 6th Sem visited the industry under the supervision of **Mrs. Sharad Sharma** (Assistant Professor) and **Dr. Sanjay Yadav** (Assistant Professor). The students were thankful to the management and **Director Dr. Avijit Mazumder of NIET** (Pharmacy Institute) for organizing the industrial visit that helped them to get a deep insight into pharmaceutical manufacturing plant.

